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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Scoring table:
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1633
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/cgn2_6/ptodata/1/pubpaa/US07_FUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US08_FUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US09_NEW_FUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US10_NEW_FUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US10_NEW_FUB.pep:*
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/cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

### SUMMARIES

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498	498	505	505	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	Score
30.5	30.5	30.9	30.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	. 86.3	86.3	86.3	86.3	86.3	86.3	Query Match
298	298	298	298	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	Length
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Sequence 76, Appl	76	30.	Sequence 38, Appl	20,		Sequence 20, Appl	Sequence 423, App	Sequence 423, App	Sequence 538, App	423	423	423	20,	w	Sequence 20, Appl	Sequence 20, Appl	Sequence 20, Appl	Sequence 423, App	Description

45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20
242.5	381.5	381.5	403	415	415	415	415	415	415	415	415	415	415	415	449.5	478	478	478	478	478	478	478	478	478	498
14.8	23.4	23.4	24.7	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	27.5	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	30.5
319	263	260	301	299	299	299	299	299	299	299	299	299	299	299	300	312	312	312	312	312	312	312	312	312	298
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US-09-981-353-65	US-09-953-499-25	US-09-953-499-23	US-09-764-853-540	US-09-909-088B-119	US-09-909-320-119	US-09-799-777-51	US-10-028-072-366	US-09-904-011-119	US-09-907-841-119	US-09-907-824-119	US-09-902-853-119	US-09-953-499-1	US-10-066-500-91	US-09-905-291A-119	US-09-953-499-10	US-09-909-088B-64	US-09-909-320-64	US-10-028-072-336	US-09-904-011-64	US-09-907-841-64	US-09-907-824-64	US-09-902-853-64	US-09-953-499-9	US-09-905-291A-64	US-09-852-659A-76
65,		Sequence 23, Appl	Sequence 540, App	Sequence 119, App	Ü	Sequence 51, Appl	•	119,	119,	Sequence 119, App	119,	Sequence 1, Appli		۳		64,	e 64,	336,	Sequence 64, Appl	Sequence 64, Appl	•	Sequence 64, Appl	Sequence 9, Appli	Sequence 64, Appl	Sequence 76, Appl

## ALIGNMENTS

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CURRENT APPLICATION NUMBER: US/09/905,291A
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
                                                                                                                                                               APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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APPLICANT:
APPLICANT:
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
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Hillan, Kenneth, J.
Kijavin, Ivar J.
Mather, Jennie P.
Pan Terror
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Stewart, Timothy A.
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Grimaldi, Christopher J.
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Eaton, Dan L.
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1999-07-28

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; Sequence 20, Application US/10033245
Patent No. US20020160392A1
; GENERAL INFORMATION:
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
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; ORGANISM: HOMO
US-09-905-291A-423
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TOR FILLING DATE: 1999-12-16

PRIOR APPLICATION NUMBER: PCT/U

PRIOR FILLING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/U

PRIOR FILLING DATE: 1999-12-20
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PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 423
LENGTH: 310
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FILING DATE: 1999-12-16
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1 DFRHKSSFVI 310
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FILING DATE: 1999-12-02
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                                                                                                                                                                                                                                                                          NIAGIIGGVLVVLIVLAVITMGICCAYRRGCFISSKQDGESYKSPGKHDGVNYIRTSEEG
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Pred. No. 2.5e-89;
B; Mismatches 26;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Secre
TITLE OF INVENTION: Acid
FILE REFERENCE: P2930R1C7
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FILING DATE: 1999-01-12
APPLICATION NUMBER: 60/115,733
FILING DATE: 1999-01-12
                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US00/32678 FILING DATE: 2000-12-01
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APPLICATION NUMBER: PCT/
FILING DATE: 2000-03-30
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FILING DATE: 2000-03-03
APPLICATION NUMBER: PCT/US99/12252
FILING DATE: 1999-06-02
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APPLICATION NUMBER: 60/170,262
FILING DATE: 1999-12-09
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FILING DATE: 1999-02-12
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                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US00/15264 FILING DATE: 2000-06-02
                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 2000-02-22
APPLICATION NUMBER: PCT/US00/05841
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                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
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MALSRRLRLYARLPHFFLLLLFRGCMIEAVNLKSSNRNPVVHEFESVELSCIITHSQT 60
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                                                                            Similarity
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Stewart, Timothy A.
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                                                           Conservative
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CURRENT FILING DATE: 2001-12-27
PRIOR APPLICATION NUMBER: 60/095,325
PRIOR FILING DATE: 1998-08-04
PRIOR PRIOR APPLICATION NUMBER: 60/112,851
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                                                                                        OR APPLICATION NUMBER: 60/119,341
OR FILING DATE: 1999-02-09
OR APPLICATION NUMBER: 60/119,537
OR FILING DATE: 1999-02-10
OR APPLICATION NUMBER: 60/119,965
OR FILING DATE: 1999-02-12
OR APPLICATION NUMBER: 60/162,506
OR FILING DATE: 1999-10-29
OR APPLICATION NUMBER: 60/170,262
OR FILING DATE: 1999-10-29
OR APPLICATION NUMBER: 60/170,262
OR FILING DATE: 1999-12-09
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APPLICATION NUMBER: 60/187,202
FILING DATE: 2000-03-03
APPLICATION NUMBER: PCT/US99/12252
FILING DATE: 1999-06-02
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Gurney, Austin L.
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APPLICANT: Botstein, David
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PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR EILING DATE: 2000-12-01
              APPLICANT:
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PRIOR APPLICATION NUMBER: PCT/US99/28551
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US00/03565
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OR APPLICATION NUMBER: PCT/US00/04414
OR FILING DATE: 2000-02-22
OR APPLICATION NUMBER: PCT/US00/05841
OR FILING DATE: 2000 -03-02
OR APPLICATION NUMBER: PCT/US00/08439
OR FILING DATE: 2000-03-30
OR FILING DATE: 2000-03-30
OR APPLICATION NUMBER: PCT/US00/14941
OR FILING DATE: 2000-05-30
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nes 266; Conserv
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Watanabe, Colin K. Wood, William I.
                        Roy, Margaret Ann
Stewart, Timothy A.
Tumas, Daniel
                                                                                Gurney, Austin L.
                                                                                            Gao, Wei-Qiang
Goddard, Audrey
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                                                                                                                        Fong, Sherman
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INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

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TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 2000-05-30
APPLICATION NUMBER: PCT/US00/14941
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APPLICATION NUMBER: PCT/US00/04414
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APPLICATION NUMBER: 60/187,202
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APPLICATION NUMBER: PCT/US00/03565
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             NDRKEVDEITIELIVQVKPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDVPL 180
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                                                                                                                                                                    Score 1409; DB 9;
Pred. No. 2.5e-89;
8; Mismatches 26
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CURRENT APPLICATION NUMBER: US/09/902,853
CURRENT FILING DATE: 2001-07-10
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PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US/09/665,350 PRIOR FILING DATE: 2000-09-18
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OR APPLICATION NUMBER: PCT/US99/28214
OR FILING DATE: 1999-11-29
OR APPLICATION NUMBER: PCT/US99/28313
OR FILING DATE: 1999-11-30
OR APPLICATION NUMBER: PCT/US99/28564
OR APPLICATION NUMBER: PCT/US99/28565
OR APPLICATION NUMBER: PCT/US99/28565
                                                                                                                 APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
                                                                                                                                                                           FILING DATE: 1999-0 APPLICATION NUMBER:
                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
APPLICATION NUMBER: PCT/US99/20944
                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 60/146,222 FILING DATE: 1999-07-28
                                                                                                       FILING DATE: 1999-10-05
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Stewart, Timot
Tumas, Daniel
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Mather, Jennie P.
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Hillan, Kenneth, J.
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Grimaldi, Christopher
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o. US20020192659A1
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; ORGANISM: Homo Sapien
US-09-902-853-423
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PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR FILING DATE: 1999-12-20
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
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Best Local Similarity
Matches 266; Conserv
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LENGTH: 310
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ENERAL I
           CURRENT APPLICATION NUMBER: US/10/033,244
CURRENT FILING DATE: 2001-12-27
PRIOR APPLICATION NUMBER: 60/095,325
PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/112,851
PRIOR FILING DATE: 1998-12-16
                                                                                                        APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2930R1C2
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APPLICATION NUMBER:
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Stewart, Timothy A.
Tumas, Daniel
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Gao, Wei-Qiang
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No. US20020192668A1
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US-10-033-244-20
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SEQ ID NO 20
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Best Local
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PRIOR FILING DATE: 1999-12-01
PRIOR APPLICATION NUMBER: PCT/US99/28551
PRIOR FILING DATE: 1999-12-02
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PRIOR APPLICATION NUMBER: PCT/US99/12252
PRIOR FILING DATE: 1999-06-02
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PRIOR FILING DATE: 1999-12-09
PRIOR APPLICATION NUMBER: 60/187,202
                                                                                                                                                                                                                                                                                                                                                              LENGTH: 31
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US00/03565
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/119,537 FILING DATE: 1999-02-10 APPLICATION NUMBER: 60/119,965
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DFRHKSSFVI 310
                        OF SEQ ID
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                                                                                                                                                                                                                                                                                                Score 1409; DB 9;
Pred. No. 2.5e-89;
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US-09-907-824-423; Sequence 423, A
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PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
TOR APPLICATION NUMBER: US 60/146,222
IOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20944
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CURRENT FILING DATE: 2001-07-17
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FILING DATE: 1999-11-29
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APPLICATION NUMBER: PCT FILING DATE: 1999-12-20
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Mather, Jennie P.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Gerritsen, Mary E.
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Botstein, David
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Stewart, Timothy A.
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NUMBER: PCT/US99/30999
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; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 423
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-907-824-423
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Best Local Similarity
Matches 266; Conserv
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                                                                                    APPLICANT: I
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                        APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,841
CURRENT FILING DATE: 2001-11-20
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Stewart, Timothy A.
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Mather, Jennie P.
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Hillan, Kenneth, J.
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Grimaldi, Christopher J.
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                                                                                                                                                           Paoni,
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                                                                                                                                                                                                                                                                                                                                      Wei-Qiang
                                                                                                                                                                                                                                                                                                                                                     Sherman
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                                                                                                                                                           Nicholas F.
                                                                                                                                                                                                                                                                                                                    Hanspeter
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Pred. No. 2.5e-89;
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FILING DATE: 2000-U2-22
APPLICATION NUMBER: US 60/143,048
PTITING DATE: 1999-07-07

APPLICATION NUMBER: PCT/US00/04414

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                                                                                                                                                   Sequence 423, Applic Publication No. US20 GENERAL INFORMATION:
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Best Local :
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APPLICANT:
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ENGTH: 310
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FILING DATE: 1999-10-05
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APPLICATION NUMBER: US 60/145,698
FILING DATE: 1999-07-26
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                                                                                                                                        Genentech, Inc.
                                                  Desnoyers, Luc
Eaton, Dan L.
Ferrara, Napoleone
Filvaroff, Ellen
                       Fong, Sherman
Gao, Wei-Qiang
                                                                                                         Ashkenazi, Avi
Botstein, David
Gerritsen, Mary
          Gerber, Hanspeter
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Pred. No. 2.5e
18; Mismatches
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hes 26;
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CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-07
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Matches
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LENGTH: 310
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PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
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PRIOR FILING DATE: 2000-01-05
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                                                                                                                                                        Local
                                                                  APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
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Similarity
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Williams, P. Mickey
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Mather, Jennie P.
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Wood, William,
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Stewart, Timothy A.
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Hillan, Kenneth, J.
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Grimaldi, Christopher
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                                                                                                                                           Conservative
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Pred. No. 2.5e
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APPLICANT: Beresini, Mau
APPLICANT: DeForge, Laur
APPLICANT: Desnoyers, Lu
APPLICANT: Filvaroff, El
APPLICANT: Gao, Wei-Qian
APPLICANT: Gerritsen, Ma
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                                                                                                        PRIOR
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FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/10/028,072
CURRENT FILING DATE: 2001-12-19
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DR APPLICATION NUMBER: 60/05
DR FILING DATE: 1997-09-19
DR APPLICATION NUMBER: 60/05
DR FILING DATE: 1997-09-24
DR APPLICATION NUMBER: 60/06
DR FILING DATE: 1997-10-17
DR APPLICATION NUMBER: 60/06
DR FILING DATE: 1997-10-17
TH APPLICATION NUMBER: 60/06
                                                                                                                                                              OR APPLICATION NUMBER: 60/059115
OR FILING DATE: 1997-09-17
OR APPLICATION NUMBER: 60/059117
OR APPLICATION NUMBER: 60/059122
OR APPLICATION NUMBER: 60/059122
OR APPLICATION NUMBER: 60/059184
OR APPLICATION NUMBER: 60/059184
OR FILING DATE: 1997-09-17
OR APPLICATION NUMBER: 60/059263
OR APPLICATION NUMBER: 60/059263
OR APPLICATION NUMBER: 60/059263
OR APPLICATION NUMBER: 60/059263
OR FILING DATE: 1997-09-18
OR APPLICATION NUMBER: 60/059352
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APPLICATION NUMBER: 60/059113
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FILING DATE: 1997-08-26
APPLICATION NUMBER: 60/0
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FILING DATE: 1997-06-18
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Godowski, Paul J.
Gurney, Austin L.
Sherwood, Steven
Smith, Victoria
Stewart, Tinothy A.
Tumas, Daniel
Watanabe, Colin K
Wood, William
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Filvaroff, Ellen
Gao, Wei-Qiang
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IR APPLICATION NUMBER: 60/085704
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APPLICANT: WILLIAMS, P. MICKEY
APPLICANT: WOOD, WILLIAM, I.
TITLE OF INVENTION: Secreted and Transmembrane Pol
TITLE OF INVENTION: Secreted and Transmembrane Pol
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/909,320
CURRENT APPLICATION NUMBER: 2002-01-04
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILLING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILLING DATE: 1999-07-26
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Grimaldi, Christopher
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Stewart, Timothy A.
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Eaton, Dan L.
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RESULT 12
US-09-099-088B-423
US-09-099-088B-423
Sequence 423, Application US/09909088B
Patent No. US20020146709A1
GENERAL IMPORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: AShkenazi, Avi
APPLICANT: Botstein, David
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; TYPE: PRT
; ORGANISM: HOMO
US-09-909-320-423
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PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR APPLICATION NUMBER: PCT/US99/30095
RIOR FILING DATE: 1999-12-02
RIOR FILING DATE: 1999-11-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
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LENGTH: 310
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Best Local (
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FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
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APPLICATION NUMBER: PCT
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APPLICATION NUMBER: PCT/US99/20944
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Ashkenazi, Avi
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Desnoyers, Luc
Eaton, Dan L.
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Pred. No. 2.5e-89;
8; Mismatches 26
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PRIOR FILING DATE:
NUMBER OF SEQ ID NO
SEQ ID NO 423
ELENGTH: 310
                                             Query Match
Best Local Similarity
Matches 266; Conser
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                                                                                                                                        TYPE: PRT
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OR FILING DATE: 1999-11-29
OR APPLICATION NUMBER: PCT/US99/28313
OR FILING DATE: 1999-11-30
OR APPLICATION NUMBER: PCT/US99/28564
OR FILING DATE: 1999-12-02
OR APPLICATION NUMBER: PCT/US99/28565
OR APPLICATION NUMBER: PCT/US99/28565
OR FILING DATE: 1999-12-02
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APPLICATION NUMBER: PCT
FILING DATE: 1999-10-05
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APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
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FILING DATE:
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MALSRRLRLRYARLPHFFLLLLFRGCMIEAVNLKSSNRNPVVHEFESVELSCIITHSQT 60
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Paoni, Nich
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Gao, Wei-Qiang
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Wood, William,
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Stewart, Timothy A.
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Mather, Jennie P.
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                                            86.3%; Score 1409; I
85.8%; Pred. No. 2.50
tive 18; Mismatches
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2930R1C12

CURRENT APPLICATION NUMBER: US/10/033,246

CURRENT FILING DATE: 2001-12-28

PRIOR APPLICATION NUMBER: 60/095,325

PRIOR FILING DATE: 1998-08-04

PRIOR FILING DATE: 1998-12-16

PRIOR APPLICATION NUMBER: 60/113,145

PRIOR APPLICATION NUMBER: 60/113,145

PRIOR APPLICATION NUMBER: 60/113,511

PRIOR APPLICATION NUMBER: 60/113,511

PRIOR APPLICATION NUMBER: 60/113,558

PRIOR APPLICATION NUMBER: 60/115,558

PRIOR APPLICATION NUMBER: 60/115,558

PRIOR APPLICATION NUMBER: 60/115,565

PRIOR FILING DATE: 1999-01-12

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OR APPLICATION NUMBER: 60/162,506
OR FILING DATE: 1999-10-29
OR APPLICATION NUMBER: 60/170,262
OR FILING DATE: 1999-12-09
OR APPLICATION NUMBER: 60/187,202
OR FILING DATE: 2000-03-03
OR APPLICATION NUMBER: PCT/US99/12252
OR FILING DATE: 1999-06-02
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                                                                                                                                                                           APPLICATION NUMBER: 60/119,341 FILING DATE: 1999-02-09 APPLICATION NUMBER: 60/119,537
                                                                                                                                 APPLICATION NUMBER: 60/119,965 FILING DATE: 1999-02-12
                                                                                                                                                                                                                             FILING DATE: 1999-01-12
APPLICATION NUMBER: 60/115,733
FILING DATE: 1999-01-12
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1 DFRHKSSFVI 310
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Goddard, Audrey
Gurney, Austin L.
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Stewart, Timothy A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Fong, Sherman
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; ORGANISM: HOMO
US-10-033-246-20
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US-10-033-301-20
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SEQ ID NO 20
LENGTH: 310
                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                Sequence 20, Application US/10033301 Patent No. US20020098506A1
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Best Local Similarity
Matches 266; Conserv
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APPLICANT:
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                                                                                                                                                                                APPLICANT: Botstein, David APPLICANT: Desnoyers, Luc
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OR APPLICATION NUMBER: PCT/US00/05841
OR FILING DATE: 2000 -03-02
OR APPLICATION NUMBER: PCT/US00/08439
OR FILING DATE: 2000-03-30
OR APPLICATION NUMBER: PCT/US00/14941
OR APPLICATION NUMBER: PCT/US00/14941
OR FILING DATE: 2000-05-30
OR APPLICATION NUMBER: PCT/US00/15264
OR FILING DATE: 2000-05-02
OR FILING DATE: 2000-06-02
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FILING DATE: 2000-02-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US99/28551
FILING DATE: 1999-12-02
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FILING DATE:
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Watanabe, Colin K. Wood, William I.
                                                                                                Gurney, Austin L.
                                                                                                                Goddard, Audrey
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                                Tumas,Daniel
                                                               Pan, James
Roy, Margaret Ann
                                                Stewart, Timothy A
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85.8%; Pred. No. 2.56
tive 18; Mismatches
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2.5e-89;
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PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/112,851
PRIOR FILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/113,145
PRIOR FILING DATE: 1998-12-16
PRIOR FILING DATE: 1998-12-12
PRIOR FILING DATE: 1998-12-12
PRIOR FILING DATE: 1998-12-22
PRIOR FILING DATE: 1998-12-22
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Matches
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IOR FILING DATE: 2000-06-02
OR APPLICATION NUMBER: PCT/US00/32678
(IOR FILING DATE: 2000-12-01
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121. NDRKEIDEIVIELTVQVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDVPL
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FILING DATE: 1999-10-29
APPLICATION NUMBER: 60/170,262
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FILING DATE: 1999-01-12
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APPLICATION NUMBER: PCT/US00/03565
FILING DATE: 2000-02-11
APPLICATION NUMBER: PCT/US00/04414
FILING DATE: 2000-02-22
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FILING DATE: 1999-12-01
APPLICATION NUMBER: PCT/US99/28551
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FILING DATE: 1999-02-10
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                                                                                                                                                                                                                        MALSRRLRLRYARLPHFFLLLLFRGCMIEAVNLKSSNRNPVVHEFESVELSCIITHSQT
                            NDRKEVDEITIELIVQVKPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDVPL 180
                                                                                                          SDPRIEWKKIQDGQTTYVYFDNKIQGDLAGRTDVFGKTSLRIWNVTRSDSAIYRCEVVAL 120
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2000-05-30
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                                                                                                                                                                                                                                                                                                                                   Score 1409; DB 12;
Pred. No. 2.5e-89;
8; Mismatches 26;
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APPLICANT: ROY, Malydre Caul
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Wood, William I.
APPLICANT: Wood, William I.
APPLICATION: Secreted and Transmembrane Polypeptides and Nucleic
ITITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
ITITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
ITITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
ITITLE OF INVENTION NUMBER: US/10/033,326
CURRENT FILING DATE: 1098-00-02
PRIOR APPLICATION NUMBER: 60/05,325
PRIOR APPLICATION NUMBER: 60/113,145
PRIOR APPLICATION NUMBER: 60/113,511
PRIOR APPLICATION NUMBER: 60/113,558
PRIOR APPLICATION NUMBER: 60/115,565
PRIOR APPLICATION NUMBER: 60/115,733
PRIOR APPLICATION NUMBER: 60/115,733
PRIOR APPLICATION NUMBER: 60/115,733
PRIOR APPLICATION NUMBER: 60/119,341
PRIOR APPLICATION NUMBER: 60/119,341
PRIOR APPLICATION NUMBER: 60/119,537
PRIOR FILING DATE: 1999-02-09
PRIOR APPLICATION NUMBER: 60/119,537
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                                                                            FILING DATE: 1999-12-01
APPLICATION NUMBER: PCT
FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT
                                                                                                                                                                              FILING DATE: 2000-03-03
APPLICATION NUMBER: PCT/US99/12252
FILING DATE: 1999-06-02
                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/162,506 FILING DATE: 1999-10-29 APPLICATION NUMBER: 60/170,262
                                    FILING DATE: 2000-02
APPLICATION NUMBER:
APPLICATION 1
                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/187,202
                                                                                                                                                                                                                                                                   FILING DATE: 1999-12-09
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PRIOR APPLICATION NUMBER: PCT/US00/14941
PRIOR FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
PRIOR FILING DATE: 2000-12-01
NUMBER: PCT/US00/32678
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
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                                     Best Local Similarity 37.0 Matches 117; Conservative
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Title:

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EARLIER APPLICATION NUMBER: 60/048,189
EARLIER FILING DATE: 1997-05-30
EARLIER APPLICATION NUMBER: 60/057,765
EARLIER FILING DATE: 1997-09-05
EARLIER FILING DATE: 1997-09-05
EARLIER FILING DATE: 1997-06-06
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/068,368
EARLIER FILING DATE: 1997-12-19
NUMBER OF SEQ ID NOS: 118
SOFTWARE: PATENTIN VET: 2.0
SEQ ID NO 76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/152,060
CURRENT FILING DATE: 1998-09-11
EARLIER APPLICATION NUMBER: PCT/US98/04858
EARLIER FILING DATE: 1998-03-12
EARLIER FILING DATE: 1998-03-12
EARLIER FILING DATE: 1997-03-14
EARLIER APPLICATION NUMBER: 60/040,710
EARLIER APPLICATION NUMBER: 60/050,934
EARLIER APPLICATION NUMBER: 60/050,934
EARLIER FILING DATE: 1997-05-30
                                                                               ; NAME/KEY: SITE
; LOCATION: (58)
; OTHER INFORMATION:
US-09-152-060-76
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TITLE OF INVENTION: 28 Human Secreted Proteins
FILE REFERENCE: PZ003P1.US
                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                       OTHER INFORMATION:
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30.5%; Score 498; 37.0%; Pred. No. 4
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Mismatches

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APPLICANT: Genente
APPLICANT: Ashkena
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LENGTH: 312
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/254,465A CURRENT FILING DATE: 1999-03-05 PRIOR APPLICATION NUMBER: PCT/US98/24855 PRIOR FILING DATE: 1998-11-20 PRIOR APPLICATION NUMBER: US 60/066,364 PRIOR PRIOR DATE: 1997-11-21 PRIOR FILING DATE: 1997-11-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Tumas, Daniel
APPLICANT: Wood, William I.
APPLICANT: Wood, William I.
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
EILE REFERENCE: P1216R1(US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                RIOR APPLICATION NUMBER: US 60/078,936
IOR FILING DATE: 1998-03-20
RIOR APPLICATION NUMBER: PCT/US98/19437
PRIOR FILING DATE: 1998-09-17
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                                                                                 TPKKTVSSRLEWKKL-GRSVSFVYYQQTLQGDFKNRAEMI-DFNIRIKNVTRSDAGKYRC
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EVSAPSEQGQNLEEDTVTLEVLVAPAVPSCEVPSSALSGTVVELRCQDKEGNPAPEYTWF 169
                        EVVALNDR-KEVDEITIELIVQVKPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWY 174
                                                                                                                        THSQTSDPRIEWKKIQDGQTTYVYFDNKIQGDLAGRTDVFGKTSLRIWNVTRSDSAIYRC 115
                                                                                                                                                                    MARRSRHRL------LLLLLRYLVVALGYHKAYGFSAPKDQQVVTAVEYQEAILAC-K 51
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Gurney, Austin L.
Napier, Mary A.
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Ashkenazi, Avi J.
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                                                                                                                                                                                                                                                                       29.3%; Score 478; DB 4; Length 312; 36.3%; Pred. No. 4.8e-40;
                                                                                                                                                                                                                                                        62; Mismatches
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREE
TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGIVE REFERENCE: P1216R1(US)
CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1998-11-21
PRIOR FILING DATE: 1997-11-21
PRIOR FILING DATE: 1997-11-21
PRIOR FILING DATE: 1997-13-21
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR APPLICATION NUMBER: DS 60/078,936
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US-09-254-465A-10
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SEQ ID NO 10
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APPLICANT:
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TYPE: PRT
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                                                                                                                                                                       127
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                       20 LLLLFRGCMIEAV-----NLKSSNRNPVVHEFESVELSCIITHSQTSDPRIEWKKIQDGQ 74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            QWL
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                                        LIVLAVITMGICCAYRRGCFISSKQDGESYKSPGKHDGVNYIRTSEEGDFRHKSSFVI 310
                                                                                                        SFHVNSETGTLVFNAVHKDDSGQYYCIASNDAGAA-RCEGQDMEVYDLNIAGIIGGVLVV 252
                                                                                                                                                                     VLVPPSKPTISVPSSVTIGNRAVLTCSEHDGSPPSEYSWFKDGISMLTADAKKTRAFMNS 186
                                                                                                                                                                                                             VQVKPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDVPLPT-DSRANPRFQNS 193
                                                                                                                                                                                                                                                            TALVCYNSQITAPYADRV-TFSSSGITFSSVTRKDNGEYTC-MVSEEGGQNYGEVSIHLT 126
                                                                                                                                                                                                                                                                                                  TTYVYFDNKIQGDLAGRTDVFGKTSLRIWNVTRSDSAIYRCEVVALNDRKEVDEITIELI 134
                                                                                                                                                                                                                                                                                                                                            LLFLFTSMILGSLVQGKGSVYTAQSDVQVPENESIKLTC--TYSGFSSPRVEWKFVQGST
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                                                                                SFTIDPKSGDLIFDPVTAFDSGEYYCQAQNGYGTAMRSEAAHMDAVELNVGGIVAAVLVT 246
                                                                                                                                                                                                                                                                                                                                                                                                                               102;
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Napier, Mary A.
Tumas, Daniel
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Goddard, Audrey
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                                                                                                                                                                                                                                                                                                                                                                                                                                 64; Mismatches 117;
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 449.5; DB 4;
Pred. No. 3.3e-37;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 300;
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                                                                                                                                                                                                                                                                                                                                                                                                                                 15;
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RESULT 4

US-09-188-930-331

Patent No. 6150502 GENERAL INFORMATION:

Application US/09188930A

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SOFTWARE: FASTSEQ for W:
SEQ ID NO 2
LENGTH: 299
TYPE: PRT
ORGANISM: HOMO SAPIENS
US-09-462-270-2
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APPLICANT: Strachan, Lorna
APPLICANT: Sleeman, Matthew
APPLICANT: Sleeman, Matthew
APPLICANT: Murison, James Greg
TITLE OF INVENTION: Compositions Isolated From Skin Cells
TITLE OF INVENTION: and Methods For Their Use
FILE REFERENCE: 11000.1011c1
CURRENT APPLICATION NUMBER: US/09/188,930A
CURRENT FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 348
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 331
LENGTH: 299
TYPE: PRT
ORGANISM: Human
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                                          Matches 100;
                                                                              Query Match
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Best Local 9
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                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/462,270
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 60/052,186
PRIOR FILING DATE: 1997-07-10
                                                                                                                                                                                                APPLICANT: SmithKilne Beecham Corporation
TITLE OF INVENTION: Human Fil Antigen: A Cell Surface
TITLE OF INVENTION: Receptor Involved in Platelet Ac
FILE REFERENCE: GH-70150US
                                                                                                                                                                                                                                                                                                                                                                                                                                                  equence 2, Application US/09462270 atent No. 6358707
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             )9-462-270-2
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18 FFLLLLFRGCMIEAVNLKSSNRNPVVHEFESVELSCIITHSQTSDPRIEWKKIQDGQTTY 77
                                                             Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           73
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NSETGTLVFNAVHKDDSGQYYCIASNDAGAARCEGQ-DMEVYDLNIAGIIGGVLVVLIVL 256
                                          Conservative
                                                           25.4%;
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                                          50;
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                                                           Score 415; DB 4; Pred. No. 9.9e-34;
                                        Mismatches 132;
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                                                                            Length 299;
                                        Indels 14;
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                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Homo sapiens US-09-254-465A-1
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NUMBER OF SEQ ID NOS:
SEQ ID NO 1
LENGTH: 299
TYPE: PRT
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Best Local Similarity
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APPLICANT:
APPLICANT:
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APPLICANT: WOOD, WIILIAM I.

TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED AN FILE REFERENCE: P1216R1(US)

CURRENT APPLICATION NUMBER: US/09/254,465A

CURRENT FILING DATE: 1998-03-05

PRIOR APPLICATION NUMBER: PCT/US98/24855

PRIOR APPLICATION NUMBER: US 60/066,364

PRIOR FILING DATE: 1998-11-21

PRIOR APPLICATION NUMBER: US 60/078,936

PRIOR FILING DATE: 1998-03-20

PRIOR FILING DATE: 1998-03-20

PRIOR FILING DATE: 1998-03-20

PRIOR FILING DATE: 1998-03-20

PRIOR FILING DATE: 1998-03-20
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                                                                                                                                                               73 VCYNNKITASYEDRV-TFLPTGITFKSVTREDTGTYTC-MVSEEGGNSYGEVKVKLIVLV 130
                                                                                                                                                                                                      78 VYFDNKIQGDLAGRTDVFGKTSLRIWNVTRSDSAIYRCEVVALNDRKEVDEITIELIVQV 137
                                                                                                                                                                                                                                                  15 FILAILLCSLALGSVTVHSSEPEVRIPENNPVKLSC--AYSGFSSPRVEWKFDQGDTTRL 72
                                                                                                                                                                                                                                                                                        18 FFLLLLFRGCMIEAVNLKSSNRNPVVHEFESVELSCIITHSQTSDPRIEWKKIQDGQTTY 77
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                                         NSETGTLVFNAVHKDDSGQYYCIASNDAGAARCEGQ-DMEVYDLNIAGIIGGVLVVLIVL 256
NPTTGELVFDPLSASDTGEYSCEARNGYGTPMTSNAVRMEAVERNVGVIVAAVLVTLILL
                                                                                                         KPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDVPLPTDSRANPRFQNSSFHV 197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AVITMGICCAYRRGCFISSKQDGESYKSPGKHDGVNYIRTS--EEGDFRHKSSFVI 310
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Napier, Mary A.
Tumas, Daniel
Wood, William I.
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Ashkenazi, Avi J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Audrey
                                                                                                                                                                                                                                                                                                                                                     25.4%; Score 415; DB 4; Length 299; 33.8%; Pred. No. 9.9e-34;
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                                                                                                                                                                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                                                                                                                                                    Indels
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CURRENT APPLICATION NUMBER: US/09/188,930A
WRENT FILING DATE: 1998-11-09
MBER OF SEQ ID NOS: 348
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 189
LENGTH: 299
TYPE: PRT
TYPE: PRT
TERGINER: Human
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                                                                                                                        GENERAL INFORMATION:
APPLICANT: Genentec
APPLICANT: Ashkenaz
APPLICANT: Fong, Sh
APPLICANT: Goddard,
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Best Local Similarity 33.1
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APPLICANT: Tumas, Dan
APPLICANT: Wood, Will
TITLE OF INVENTION: C
TITLE OF INVENTION: O
                                                                                                                                                                                                                               Sequence 23, Application US/09254465A Patent No. 6410708
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APPLICANT: Strachan, Lorna
APPLICANT: Sleeman, Matthew
APPLICANT: Onrust, Rene
APPLICANT: Murison, James Greg
TITLE OF INVENTION: Compositions Isolated From Skin Cells
TITLE OF INVENTION: and Methods For Their Use
FILE REFERENCE: 11000.1011c1
                                                                                   APPLICANT:
                                                                                                     APPLICANT:
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LOCATION: (247)...(247)
NAME/KEY: UNSURE
LOCATION: (289)...(289)
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                                      Goddard, Audrey
Gurney, Austin L.
Napier, Mary A.
Tumas, Daniel
Wood, William I.
                                                                                                                          Fong, Sherman
Goddard, Audro
                                                                                                                                                                     Ashkenazi,
                                                                                                                                                                                        Genentech,
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  COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT OF DISEASES CHARACTERIZED BY A33 - RELATED ANTIGENS
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                                                                                                                                                                     Avi J.
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Pred. No. 1.6e-32;
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LENGTH: 260
              PRIOR FILING DATE: 19
NUMBER OF SEQ ID NOS:
SEQ ID NO 25
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                                                                                                                               PRIOK AFFECTING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: US 6
PRIOR APPLICATION NUMBER: 1997-11-21
                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                     TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS FILE REFERENCE: P1216R1(US)
CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
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CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
                                                                         PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: PCT.
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APPLICANT:
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Gurney, Austin L.
Napier, Mary A.
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Wood, William I.
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Pred. No. 1.9e-30;
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RESULT 11
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US-09-462-270-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/462,270
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 60/052,186
PRIOR FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 205
TYPE: PRT
ORGANISM: HOMO SAPIENS
09-462-270-4
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                                                                                                                              NSETGTLVFNA 208
                                                                                                                                                                 PPSKPTVNIPSSATIGNRAVLTCSEQDGSPPSEYTWFKDGIVMPTNPKSTRAFSNSSYVL 190
                                                                                                                                                                                                                                        VCYNNKITASYEDRV-TFLPTGITFKSVTREDTGTYTC-MVSEEGGNSYGEVKVKLIVLV 130
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                                                                                             NPTTGELVFES 201
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33.5%; Pred. No. 1.1e-20;
34. Mismatches 89;
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SOFTWARE: WORDERFECT SOFTWARE: WORDERFECT APPLICATION DATA:
CURRENT APPLICATION NUMBER: US/08/597,495B
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LENGTH: 319 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 5712369man D.
REGISTRATION NUMBER: 30,946
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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294
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                                                                                                                                                                                       187 NPRFQNSSFHVNSETGTLVFNAVHKDDSGQYYCIASNDAG-----AARCEGQDMEVY 238
                                                                                                                                                                                                                             134 RLLVLVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQYSWKRYNILNQEQPLAQPASG
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CITY: N
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                         78 NYIHGELYKNRVSISNNAEQSD----ASITIDQLTMADNGTYECSVSLMSDLEGNTKSRV 133
                                                                                                                                                                                                                                                                                                                               84 --IQGDL------AGRTDVFGKTSLRIWNVTRSDSAIYRCEVVALNDRKEVDEITI 131
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
                                                                                                                                                                                                                                                                                                                                                                                                                     29 IEAVNLKSSNRNPVVHEFESVELSCIITHSQTS--DPRIEWKKIQDGQTTYVY---FDNK 83
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EREEEDDYRQE
                                   RTSEEGDFRHK 305
                                                                                                         DLNIAGIIGGVLVVLIVLAVITMGICCAYRRGCFISSKQDG----ESYKSPGKHDGVNYI 294
                                                                                                                                                                                                                                                   ELIVQVKPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDV-----PLPTDSRA 186
                                                                       ----VGIAVGVVAALIIIGII-IYCCCCRGKDDNTEDKEDARPNREAYEEPPEQLRELSR
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New York City
: New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             319 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     : (212) 688-9200
(212) 838-3884
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304
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Pred. No. 2.6e-16;
9; Mismatches 123;
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RESULT 12 US-09-068-051A-22

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SEQUENCE DESCRIPTION: SEQ ID NO: US-09-068-051A-22
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Patent No. 6291235

GENERAL INFORMATION:
APPLICANT: Old, Lloyd J.; Welt, Sydney; Ritter, Gerd;
APPLICANT: Old, Lloyd J.; Nice, Edouard; Moritz, R. L.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
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SEQUENCE CHARACTERISTICS:
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               294
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                                                                                                                                                                                                                                       134 RLLVLVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQYSWKRYNILNQEQPLAQPASG 193
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                                                                                                                                                                                                                                                                                                                                                                                                                                29 IEAVNLKSSNRNPVVHEFESVELSCIITHSQTS--DPRIEWKKIQDGQTTYVY---FDNK 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/597,495
FILING DATE: 02-Feb-1996
APPLICATION NUMBER: 08/511,876
FILING DATE: 04-Aug-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Simpson, Richard J.; Nice, Edouard; Moritz, R. L.; Catimel, B.; Ji, Hong; Burgess, Anthony W.; Heath, Joan K.; White, Sara J.; Johnstone, Cameron TITLE OF INVENTION: Colon Cell And Colon Cancer Cell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: (212) 318-3168
TELEFAX: (212) 752-5958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
EREEEDDYRQE 304
                                   RTSEEGDFRHK 305
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                                                                                     ----VGIAVGVVAALIIIGII-IYCCCCRGKDDNTEDKEDARPNREAYEEPPEQLRELSR 293
                                                                                                                                                                                       NPRFQNSSFHVNSETGTLVFNAVHKDDSGQYYCIASNDAG------AARCEGQDMEVY 238
                                                                                                                                                                                                                                                             ELIVQVKPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDV-----PLPTDSRA 186
                                                                                                                                                                                                                                                                                                                                                    --IQGDL-----AGRTDVFGKTSLRIWNVTRSDSAIYRCEVVALNDRKEVDEITI 131
                                                                                                                            DLNIAGIIGGVLVVLIVLAVITMGICCAYRRGCFISSKQDG----ESYKSPGKHDGVNYI
                                                                                                                                                                 QP-----VSLKNISTDTSGYYICTSSNEEGTQFCNITVAVRSPSMNVALY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Hanson, No. 6291235man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5316.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/09/068,051A FILING DATE: 10-Dec-1998 CLASSIFICATION: 435
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OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
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25.7%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 242.5; DB 4;
Pred. No. 2.6e-16;
9; Mismatches 123;
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RESULT 14
US-09-254-465A-6
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; LENGTH: 319
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-336-536-67
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                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Genente
                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Loc
Matches
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APPLICANT:
APPLICANT:
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APPLICANT: McKay, C.
APPLICANT: Bossone, S.
APPLICANT: Bossone, S.
TITLE OF INVENTION: SECRETED PROTEINS AND USES THEREOF
FILE REFERENCE: 7853-144
              TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AN TITLE OF INVENTION: OF DISEASES CHARACTERIZED FILE REFERENCE: P1216r1(US)
CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR APPLICATION NUMBER: US/06/066,364
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CURRENT FILING DATE: 1999-06-18
NUMBER OF SEQ ID NOS: 75
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FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       QP-----VSLKNISTDTSGYYICTSSNEEGTQFCNITVAVRSPSMNVALY 238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RLLVLVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQYSWKRYNILNQEQPLAQPASG 193
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              --IQGDL-----AGRTDVFGKTSLRIWNVTRSDSAIYRCEVVALNDRKEVDEITI 131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ----VGIAVGVVAALIIIGII-IYCCCCRGKDDNTEDKEDARPNREAYEEPPEQLRELSR 293
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            l Similarity
80; Conserv
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                                                                                                                                                                                                                Tumas, Daniel
Wood, William I.
                                                                                                                                                                                                                                                        Napier, Mary A.
                                                                                                                                                                                                                                                                                                       Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                   Ashkenazi, Avi J.
Fong, Sherman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Application US/09336536
                                                                                                                                                                                                                                                                                                                                                                                    Genentech, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
  1997-11-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         14.8%; Score 242.5; DB 4; 25.7%; Pred. No. 2.6e-16; tive 49; Mismatches 123;
                                                                                                                                                                 COMPOSITIONS AND METHODS FOR THE TREATMENT S CHARACTERIZED BY A33- RELATED ANTIGENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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12;

3

PRIOR APPLICATION NUMBER: PRIOR FILING DATE:

1998-03-20

PCT/US98/19437 US 60/078,936

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PRIOR APPLICATION NUMBER: PCT/U
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 30
SEQ ID NO 6
LENGTH: 319
TYPE: PRT
ORGANISM: Homo sapiens
US-09-254-465A-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-068-051A-32
Sequence 32, Application US/09068051A
Patent No. 6291235
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   294 EREEEDDYRQE 304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     78
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             29 IEAVNLKSSNRNPVVHEFESVELSCIITHSQTS--DPRIEWKKIQDGQTTVYY---FDNK 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
                                                                                                                                                                  OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Diskette, 3.5 inch,
                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Fulbright & Jaworski LLP
STREET: 666 Fifth Avenue
                                                                                 APPLICATION NUMBER: US/09/068,051A
FILING DATE: 10-Dec-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Old, Lloyd J.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         QP-----VSLKNISTDTSGYYICTSSNEEGTQFCNITVAVRSPSMNVALY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ELIVQVKPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDV-----PLPTDSRA 186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ----VGIAVGVVAALIIIGII-IYCCCCRGKDDNTEDKEDARPNREAYEEPPEQLRELSR 293
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DLNIAGIIGGVLVVLIVLAVITMGICCAYRRGCFISSKQDG----ESYKSPGKHDGVNYI 294
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NPRFQNSSFHVNSETGTLVFNAVHKDDSGQYYCIASNDAG------AARCEGQDMEVY 238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NYIHGELYKNRVSISNNAEQSD----ASITIDQLTMADNGTYECSVSLMSDLEGNTKSRV 133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    VDAISVETPQDVLRASQGKSVTLPCTY-HTSTSSREGLIQWDKLLLTHTERVVIWPFSNK 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            08;
               APPLICATION NUMBER: 08/597,495 FILING DATE: 02-Feb-1996 APPLICATION NUMBER: 08/511,876
                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 10103
                                                                                                                                                                                                                                                                                                                                                                   CITY: New York City
                                                                                                                                                                                                                                         COMPUTER: IBM PS/2
                                                                                                                                                                                                                                                                                                                                                 STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CANT: Old, Lloyd J.; Welt, Sydney; Ritter, Gerd;
Simpson, Richard J.; Nice, Edouard; Moritz, R. L.;
Catimel, B.; Ji, Hong; Burgess, Anthony W.;
Heath, Joan K.; White, Sara J.; Johnstone, Cameron
OF INVENTION: Colon Cell And Colon Cancer Cell
Associated Nucleic Acid Molecules, Protein
FILING DATE: 04-Aug-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              14.8%; Score 242.5;
25.7%; Pred. No. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            5; DB 4;
2.6e-16;
                                                                                                                                                                                                                                                           360 kb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 319;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels 59;
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Search completed: January 15, Job time: 15.5 secs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE DESCRIPTION: SEQ ID NO: US-09-068-051A-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
                                                                                                                                                                  199
                                                                                                                                                                                                         208
                                                                                                                                                                                                                                               154
                                                                               255 VYCCCCREKD----DKDQDREDARPNRAAYQVPKKEQKEISRGREDEDDHRHE
                                                                                                                                                                                                                                                                                    153 GKTATLQCQESEGYPRPHYSW-----YRNDVPLPTDSRANPRFQNSSFHVNSETGTLVFN 207
                                                                                                                     260 TMGICCAYRRGCFISSKQDGE-----SYKSPGKHDGVNYIRTSEEGDFRHK 305
                                                                                                                                                                                                                                                                                                                             94 AELSNASITIDQLTMDDNGTYECSVSLMSDQDVNAKSRVRLLVLVPPSKPDCSIQGEMVI 153
                                                                                                                                                                                                                                                                                                                                                                   93 DVFGKTSLRIWNVTRSDSAIYRCEVVALNDRKEVDEITIELIVQVKPVTPVCRIPAAVPV 152
                                                                                                                                                                                                                                                                                                                                                                                                            37 SVTLPCTYNTYVSDREGFIOWDKLLRSQTERVVTWNFVTKKYIYGNRYENRVR---VSND 93
                                                                                                                                                                                                                                                                                                                                                                                                                                                  48 SVELSCII-THSQTSDPRIEWKKIQDGQT-----TYVY---FDNKIQGDLAGRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: HADSON, NO. 6291235man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5316.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 318 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: (212) 318-3168
                                                                                                                                                                NISTETAGYYICTSSNDVGIESCNITVAPRPPSMNIALY----AGIAGSVFVALIIIGVI
                                                                                                                                                                                      AVHKDDSGQYYCIASNDAGAARCE------GQDMEVYDLNIAGIIGGVLVVLIVLAVI 259
                                                                                                                                                                                                                                             GNNIQLTCHSAEGSPSPQYSWKSYNAQNQQRPLTQPVSGEP------LLLK 198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             73;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (212)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         14.7%; Score 240.5; DB 24.9%; Pred. No. 4e-16; tive 37; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          752-5958
                     2003, 17:25:31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           122;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels 61;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 318;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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Result
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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Sequence:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Run on:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                       Score
                                                                                                                     1637
1637
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1637
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1637
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//cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
//cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
//cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
//cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
//cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
//cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
//cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GenCore version 5.1.3 Compugen Ltd
                                                                                                                                                                                                                                                                                                                                                                                                       Length
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                  100%
                               US-09-905-291A-423
US-10-033-245-20
US-10-033-23-20
US-10-033-167-20
US-10-033-167-20
US-10-033-246-20
US-09-907-841-423
US-09-904-011-423
US-09-904-011-423
US-09-909-080-423
US-09-799-777-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               724.981 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            120991
                         sequence 423, Appl Sequence 20, Appl Sequence 20, Appl Sequence 20, Appl Sequence 20, Appl Sequence 423, Appl Sequence 20, Appl Sequence 20, Appl Sequence 20, Appl Sequence 20, Appl Sequence 30, Appl
                                                                                                                                                                                                                                                                                                                                                                                                   Description
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45	44	43	42	41	40	39	38	37	36	35	34	ω G	32	31	30	29	28	27	26	25	24	23	22	21	20
245.5	392.5	392.5	402	424	424	424	424	424	424	424	424	424	424	424	457.5	461.5	461.5	461.5	461.5	461.5	461.5	461.5	461.5	461.5	481
15.0	24.0	24.0	24.6	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	27.9	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	29.4
365	263	260	301	299	299	299	299	299	299	299	299	299	299	299	300	312	312	312	312	312	312	312	312	312	298
10	9	9	10	10	10	10	9	9	9	9	9	9	9	9	9	10	10	9	ø	9	ø	9	9	9	10
US-09-925-299-847	US-09-953-499-25	US-09-953-499-23	US-09-764-853-540	US-09-909-088B-119	US-09-909-320-119	US-09-799-777-51	US-10-028-072-366	US-09-904-011-119	US-09-907-841-119	US-09-907-824-119	US-09-902-853-119	US-09-953-499-1	US-10-066-500-91	US-09-905-291A-119	US-09-953-499-10	US-09-909-088B-64	US-09-909-320-64	US-10-028-072-336	US-09-904-011-64	US-09-907-841-64	US-09-907-824-64	US-09-902-853-64	US-09-953-499-9	US-09-905-291A-64	US-09-852-659A-76
	Sequence 25, Appl	Sequence 23, Appl	Sequence 540, App	119,	119	9 51;		119,	119,	Sequence 119, App	119		91,	Sequence 119, App	Sequence 10, Appl	Sequence 64, Appl	64,	336,	Sequence 64, Appl	64,		64	9,	Sequence 64, Appl	Sequence 76, Appl

### ALIGNMENTS

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US-09-905-291A-423
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APPLICANT: Genentec
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APPLICANT:
                                               CURRENT APPLICATION NUMBER: US/09/905,291A CURRENT FILING DATE: 2001-07-12 PRIOR APPLICATION NUMBER: PCT/US00/04414 PRIOR FILING DATE: 2000-02-22 PRIOR APPLICATION NUMBER: US 60/143,048 PRIOR FILING DATE: 1999-07-07
                                                                                                                                                     APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
PRIOR APPLICATION NUMBER: US 60/146,222
               PRIOR APPLICATION NUMBER: US 60/145,698 PRIOR FILING DATE: 1999-07-26
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Stewart, Timothy A.
Tumas, Daniel
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Hillan, Kenneth, J.
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Mather, Jennie P.
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Grimaldi, Christopher J.
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Eaton, Dan L.
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APPLICATION NUMBER:

1999-09-08

PCT/US99/20594

1999-07-28

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; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo 9
US-09-905-291A-423
Sequence 20, Application US/
Patent No. US20020160392A1
GENERAL INFORMATION:
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Ferrara, Napoleo
APPLICANT: Fong, Sherman
APPLICANT; Gao, Wei-Qiang
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PRIOR FILING DATE: 2000-01
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 423
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Best Local
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FILING DATE: 1999-12-16
APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US99/30999
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FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
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1 DFRHKSSFVI 310
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                                                                                                                                                                                                                                                                                                              PTDSRANPRFRNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCEEQEMEVYDL
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                Desnoyers, Luc
Ferrara, Napoleone
Fong, Sherman
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Pred. No. 2e-108;
Mismatches 0
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                                                                    Query Match 100.0%;
Best Local Similarity 100.0%;
Matches 310; Conservative 0
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CURRENT FILING DATE: 2001-12-27
PRIOR APPLICATION NUMBER: 60/095,325
PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/112,851
PRIOR FILING DATE: 1998-12-16
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                                                                                                                                                                                  TYPE:
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OR APPLICATION NUMBER: PCT/US99/12252
OR FILING DATE: 1999-06-02
OR APPLICATION NUMBER: PCT/US99/28634
OR FILING DATE: 1999-12-01
OR APPLICATION NUMBER: PCT/US99/28551
OR FILING DATE: 1999-12-02
OR FILING DATE: 1999-12-07
OR FILING DATE: 1999-12-07
OR FILING DATE: 2000-02-11
OR FILING DATE: 2000-02-11
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OR FILING DATE: 1999-01-12
OR APPLICATION NUMBER: 60/115,733
OR FILING DATE: 1999-01-12
OR APPLICATION NUMBER: 60/119,341
OR FILING DATE: 1999-02-09
OR APPLICATION NUMBER: 60/119,537
OR FILING DATE: 1999-02-12
OR APPLICATION NUMBER: 60/119,965
OR FILING DATE: 1999-02-12
OR FILING DATE: 1999-02-12
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APPLICATION NUMBER: PCT/US00/32678
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APPLICATION NUMBER: 60/
FILING DATE: 1999-01-12
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FILING DATE: 2000-02-22
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                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US00/08439
MALRRPPRLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQT 60
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Roy, Margaret Ann
Stewart, Timothy A.
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                                                                  Score 1637; DB 9;
Pred. No. 2e-108;
; Mismatches 0;
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                                                                      Indels
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                                                                    Gaps
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucl
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucl
FILE REFERENCE: P2930R1C9
CURRENT APPLICATION NUMBER: US/10/033,223
CURRENT APPLICATION NUMBER: 60/095,325
PRIOR APPLICATION NUMBER: 60/12-27
PRIOR FILING DATE: 1998-08-04
PRIOR FILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/113,145
PRIOR APPLICATION NUMBER: 60/113,145
PRIOR APPLICATION NUMBER: 60/113,511
PRIOR FILING DATE: 1998-12-16
PRIOR FILING DATE: 1999-12-22
PRIOR APPLICATION NUMBER: 60/115,558
PRIOR APPLICATION NUMBER: 60/115,565
PRIOR APPLICATION NUMBER: 60/115,733
PRIOR APPLICATION NUMBER: 60/115,733
PRIOR APPLICATION NUMBER: 60/115,733
PRIOR APPLICATION NUMBER: 60/119,341
PRIOR APPLICATION NUMBER: 60/119,341
PRIOR APPLICATION NUMBER: 60/119,337
PRIOR APPLICATION NUMBER: 60/119,537
PRIOR APPLICATION NUMBER: 60/119,537
PRIOR FILING DATE: 1999-02-09
PRIOR APPLICATION NUMBER: 60/119,537
PRIOR FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: 60/119,537
PRIOR FILING DATE: 1999-02-09
PRIOR FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: 60/119,537
PRIOR FILING DATE: 1999-02-12
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                OR APPLICATION NUMBER: 60/162,506
OR FILING DATE: 1999-10-29
OR APPLICATION NUMBER: 60/170,262
OR FILING DATE: 1999-12-09
OR APPLICATION NUMBER: 60/187,202
OR APPLICATION NUMBER: PCT/US99/122
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Pan, James
Roy, Margaret Ann
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NUMBER: PCT
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PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR APPLICATION NUMBER: PCT/US00/05841

PRIOR APPLICATION NUMBER: PCT/US00/08439

PRIOR APPLICATION NUMBER: PCT/US00/08439

PRIOR FILING DATE: 2000-03-30

PRIOR FILING DATE: 2000-03-30

PRIOR APPLICATION NUMBER: PCT/US00/14941

PRIOR APPLICATION NUMBER: PCT/US00/14941

PRIOR FILING DATE: 2000-05-30

PRIOR FILING DATE: 2000-05-00

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PRIOR FILING DATE: 2000-05-00
                                                                                                                                                                    Sequence 20, Application US/10033167 Publication No. US20020182618A1 GENERAL INFORMATION:
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LENGTH: 310
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Best Local
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PRIOR FILING DATE: 1999-12-01
PRIOR APPLICATION NUMBER: PCT/US99/28551
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US00/03565
PRIOR FILING DATE: 2000-02-11
 APPLICANT:
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PRIOR FILING DATE: 2000-12-01
NUMBER OF SEQ ID NOS: 38
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Gao, Wei-Qiang
Goddard, Audrey
Gurney, Austin L.
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Ferrara, Napoleone
Tumas,Daniel
           Roy, Margaret Ann
Stewart, Timothy A.
                                              Pan, James
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APPLICANT:

Watanabe, Colin K. Wood, William I.

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             NDRKEIDEIVIELTVQVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDVPL
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                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/902,853
CURRENT FILING DATE: 2001-07-10
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            APPLICATION NUMBER: PCT, FILING DATE: 1999-11-30 APPLICATION NUMBER: PCT, FILING DATE: 1999-12-02
                                                                    FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT
FILING DATE: 1999-11-29
                                                                                                               APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: 1999-09
APPLICATION NUMBER:
                                                                                                                                                               FILING DATE: 1999-09-15
                                                                                                                                                                                                                         FILING DATE: 1999-09-08
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Stewart, Timothy A.
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Hillan, Kenneth, J.
Kljavin, Ivar J
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Grimaldi, Christopher
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Gerritsen, Mary E
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                                                        PCT/US99/28313
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PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US09/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
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SEQ ID NO 423
LENGTH: 310
TYPE: PRT
                                                                                                                                   APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                Sequence 20, Application US/10033244 publication No. US20020192668A1 SENERAL INFORMATION:
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and TITLE OF INVENTION: Acids Encoding the Same EILE REFERENCE: P2930R1C2 CURRENT APPLICATION NUMBER: US/10/03,244 CURRENT FILING DATE: 2001-12-27 PRIOR APPLICATION NUMBER: 60/095,325 PRIOR FILING DATE: 1998-08-04 PRIOR FILING DATE: 1998-08-04 PRIOR APPLICATION NUMBER: 60/112,851 PRIOR FILING DATE: 1998-12-16 PRIOR PALOR DATE: 1998-12-16
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                                                                                                                                    Watanabe, Colin K. Wood, William I.
                                                                                                                                                                       Roy, Margaret Ann
Stewart, Timothy A.
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Goddard, Audrey
                                                                                                                                                                Tumas, Daniel
                                                                                                                                                                                                    Pan,James
                                                                                                                                                                                                                   Gurney, Austin L.
                                                                                                                                                                                                                                                           Fong, Sherman
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Pred. No. 2
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 DFRHKSSFVI 310
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; ORGANISM: Homo sapiens US-10-033-244-20
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PRIOR FILING DATE: 2000 -03-02
PRIOR APPLICATION NUMBER: PCT/US00/08439
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APPLICATION NUMBER: PCT/US99/28634
FILING DATE: 1999-12-01
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APPLICATION NUMBER: PCT/US00/14941
FILING DATE: 2000-05-30
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APPLICATION NUMBER: PCT/US00/04414
FILING DATE: 2000-02-22
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APPLICATION NUMBER: PCT/US99/12252
FILING DATE: 1999-06-02
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APPLICATION NUMBER: 60/187,202
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FILING DATE: 1999-12-09
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                   NIGGIIGGVLVVLAVLALITLGICCAYRRGYFINNKQDGESYKNPGKPDGVNYIRTDEEG
                                                                            PTDSRANPRFRNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCEEQEMEVYDL
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NIGGIIGGVLVVLAVLALITLGICCAYRRGYFINNKQDGESYKNPGKPDGVNYIRTDEEG
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Similarity 100.0%; Pred. No. 2e
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CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
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                            APPLICATION NUMBER: PCT,
FILING DATE: 1999-12-20
                                                                                                 APPLICATION NUMBER: PCT,
FTLING DATE: 1999-12-02
                                                              APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
                                                                                                                                      FILING DATE:
                                                                                                                                                     APPLICATION NUMBER: PCT/US99/28564
                                                                                                                                                                         FILING DATE: 1999-11-30
                                                                                                                                                                                         APPLICATION NUMBER: PCT/US99/28313
                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US99/28214
                                                                                                                                                                                                                                           FILING DATE: 1999-10-05
                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US99/21547
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APPLICATION NUMBER: PFILING DATE: 1999-12-
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Mather, Jennie P.
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Hillan, Kenneth, J.
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Grimaldi, Christopher
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Botstein, David
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Stewart, Timothy A.
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Ef, Ellen
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RESULT 8
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PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 423
LENGTH: 310
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                                                                                  APPLICANT:
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: 10466-14 CURRENT APPLICATION NUMBER: US/09/907,841 CURRENT FILING DATE: 2001-11-20
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                                                                     Tumas, Daniel
Williams, P. Mickey
Wood, William, I.
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Stewart, Timothy A.
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Mather, Jennie P.
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Grimaldi, Christopher J.
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Eaton, Dan L.
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APPLICATION NUMBER:

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RESULT 9
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PRIOR FILING DATE: 1999-09-15
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PREMAINING PRIOR APPLICATION GROUNGER: 1999-11-29
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 423
                                                                                                                                              Sequence 423, Application US/09904011 Publication No. US20030003330A1 GENERAL INFORMATION: APPLICANT: Genentech, Inc.
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APPLICATION NUMBER: US 60/143,048
FILING DATE: 1999-07-07
APPLICATION NUMBER: US 60/145,698
FILING DATE: 1999-07-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
APPLICATION NUMBER: PCT/US99/20944
FILING DATE: 1999-09-13
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Ashkenazi, Avi
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CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR FILING DATE: 2000-02-22
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-28
                                                                                                                                                                Matches
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Best Local
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PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
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PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR FILING DATE: 1999-11-29
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PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
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PRIOR APPLICATION NUMBER: PCT/US99/30095
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PRIOR APPLICATION NUMBER: PCT/US99/28564
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: PCT/US99/28565
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SDPRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVAR 120
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Stewart, Timothy A.
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Mather, Jennie P.
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Grimaldi, Christopher
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Pred. No. 2e-108;
Mismatches (
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CURRENT APPLICATION NUMBER: US/10/028,072
CURRENT PAPLICATION NUMBER: 60/049911
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
IOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR APPLICATION NUMBER: 60/059117
PRIOR APPLICATION NUMBER: 60/059117
PRIOR APPLICATION NUMBER: 60/059117
PRIOR APPLICATION NUMBER: 60/05912
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/05912
PRIOR APPLICATION NUMBER: 60/05912
PRIOR APPLICATION NUMBER: 60/059184
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059368
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059388
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059388
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APPLICANT: Baker,K
APPLICANT: Beres;
APPLICANT: Deforg
APPLICANT: Desnoy
APPLICANT: Filvar
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OR APPLICATION NUMBER: 60/059115
OR FILING DATE: 1997-09-17
OR APPLICATION NUMBER: 60/059127
OR APPLICATION NUMBER: 60/059127
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OR APPLICATION NUMBER: 60/059184
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OR APPLICATION NUMBER: 60/059263
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OR APPLICATION NUMBER: 60/059363
OR FILING DATE: 1997-09-19
OR APPLICATION NUMBER: 60/05988
OR FILING DATE: 1997-09-19
OR APPLICATION NUMBER: 60/059836
OR FILING DATE: 1997-09-24
OR APPLICATION NUMBER: 60/062267
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Godowski, Paul J.
Gurney, Austin L.
Sherwood, Steven
Smith, Victoria
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Watanabe, Colin K
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Gerritsen, Mary E.
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Filvaroff, Ellen
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DR APPLICATION NUMBER: 60/069278
DR APPLICATION NUMBER: 60/06934
DR APPLICATION NUMBER: 60/06934
DR FILING DATE: 1997-12-11
DR APPLICATION NUMBER: 60/069694
DR FILING DATE: 1997-12-16
DR APPLICATION NUMBER: 60/072320
DR FILING DATE: 1998-01-23
DR APPLICATION NUMBER: 60/073612
DR FILING DATE: 1998-02-04
DR APPLICATION NUMBER: 60/074086
DR APPLICATION NUMBER: 60/074086
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DR FILING DATE: 1997-11-17
DR APPLICATION NUMBER: 60/066364
DR FILING DATE: 1997-11-21
DR APPLICATION NUMBER: 60/066453
DR FILING DATE: 1997-11-24
DR APPLICATION NUMBER: 60/066511
DR APPLICATION NUMBER: 60/066511
DR APPLICATION NUMBER: 60/066770
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OR APPLICATION NUMBER: 60/063733

OR FILING DATE: 1997-10-29

OR APPLICATION NUMBER: 60/063735

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OR APPLICATION NUMBER: 60/063738

OR APPLICATION NUMBER: 60/063738

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OR APPLICATION NUMBER: 60/063755

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R APPLICATION NUMBER: 6
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FILING DATE: 1998-03-25
APPLICATION NUMBER: 60/079663
FILING DATE: 1998-02-27
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APPLICATION NUMBER: 60/0
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OR APPLICATION NUMBER: 60/085704
OR FILING DATE: 1998-05-15
OR APPLICATION NUMBER: 60/086414
OR FILING DATE: 1998-05-22
OR APPLICATION NUMBER: 60/086430
OR FILING DATE: 1998-05-22
OR APPLICATION NUMBER: 60/087106
OR FILING DATE: 1998-05-22
OR APPLICATION NUMBER: 60/08730
OR FILING DATE: 1998-05-28
OR APPLICATION NUMBER: 60/088026
OR FILING DATE: 1998-05-04
OR APPLICATION NUMBER: 60/088730
OR FILING DATE: 1998-06-10
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OR FILING DATE: 1998-06-10

OR APPLICATION NUMBER: 60/088810

OR FILING DATE: 1998-06-10

OR APPLICATION NUMBER: 60/088858

OR FILING DATE: 19/98-06-11

OR APPLICATION NUMBER: 60/089532

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DR FILING DATE: 1998-05-07
DR APPLICATION NUMBER: 60/085149
DR FILING DATE: 1998-05-12
DR APPLICATION NUMBER: 60/085323
DR FILING DATE: 1998-05-13
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OR APPLICATION NUMBER: 60/09
OR APPLICATION NUMBER: 60/09
OR APPLICATION NUMBER: 60/09
OR FILING DATE: 1998-06-24
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APPLICATION NUMBER: 60/085339
FILING DATE: 1998-05-13
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APPLICATION NUMBER: 60/091360
FILING DATE: 1998-07-01
APPLICATION NUMBER: 60/091519
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APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Pan, James
APPLICANT: Roy, Margaret Ann
APPLICANT: Roy, Margaret Ann
APPLICANT: Roy, Margaret Ann
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/909,320
CURRENT APPLICATION NUMBER: US/09/909,320
CURRENT APPLICATION NUMBER: US/09/909,320
PRIOR APPLICATION NUMBER: US/09/909,320
PRIOR FILING DATE: 2000-02-22
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
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APPLICANT:
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Grimaldi, Christopher J.
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Gerritsen, Mary E
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Ferrara, Napoleone
Filvaroff, Ellen
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Botstein, David
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RESULT 12
US-09-909-088B-423
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; NUMBER OF SEQ ID NOS: 42
; SEQ ID NO 423
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
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Best Local Similarity
Matches 310; Conserv
                                                                                                                                GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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                                                                                                                                                                                                                                                                                                                                                        DFRHKSSFVI
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NUMBER: PCT/US99/20594
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Pred. No. 2e-108;
; Mismatches (
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MALRRPPRLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQT

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; ORGANISM: Homo US-09-909-088B-423
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SEQ ID NO 423
LENGTH: 310
TYPE: PRT
                                                                           Query Match
                                              Matches
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PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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1 MALRRPPRLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQT 60
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APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
APPLICATION NUMBER: PCT/US99/20944
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Stewart, Timothy A.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Filvaroff, Ellen
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Mather, Jennie
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                                              Conservative
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                                            Score 1637; DB 10;
Pred. No. 2e-108;
; Mismatches 0;
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                                                                           DB 10;
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                                              Indels
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APPLICANT: Numas, Duller
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2930RIC12
CURRENT APPLICATION NUMBER: US/10/033,246
CURRENT FILING DATE: 2001-12-28
PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/095,325
PRIOR APPLICATION NUMBER: 60/112,851
PRIOR APPLICATION NUMBER: 60/113,145
PRIOR APPLICATION NUMBER: 60/113,145
PRIOR APPLICATION NUMBER: 60/113,145
PRIOR FILING DATE: 1998-12-16
PRIOR FILING DATE: 1998-12-26
PRIOR APPLICATION NUMBER: 60/113,511
PRIOR APPLICATION NUMBER: 60/115,558
PRIOR APPLICATION NUMBER: 60/115,558
PRIOR APPLICATION NUMBER: 60/115,733
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/115,733
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/119,341
PRIOR FILING DATE: 1999-02-09
PRIOR FILING DATE: 1999-02-09
PRIOR FILING DATE: 1999-02-09
PRIOR APPLICATION NUMBER: 60/119,537
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OR APPLICATION NUMBER: 60/162,506
FILING DATE: 199-10-29
OR APPLICATION NUMBER: 60/170,262
OR FILING DATE: 1999-12-09
OR APPLICATION NUMBER: 60/187,202
OR APPLICATION NUMBER: 60/187,202
OR FILING DATE: 2000-03-03
OR APPLICATION NUMBER: PCT/US99/12252
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Stewart, Timothy A.
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OR APPLICATION NUMBER: PCT/US00/05841

OR FILING DATE: 2000 -03-02

OR APPLICATION NUMBER: PCT/US00/08439

OR FILING DATE: 2000-03-30

OR APPLICATION NUMBER: PCT/US00/14941

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OR FILING DATE: 1999-12-01
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OR FILING DATE: 1999-12-02
OR APPLICATION NUMBER: PCT/US00/03565
OR FILING DATE: 2000-02-11
OR APPLICATION NUMBER: PCT/US00/04414
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                                                 Pan, James
Roy, Margaret Ann
Stewart, Timothy A.
                                                                                                                                                     Desnoyers, Luc
Ferrara, Napoleone
               Watanabe,Colin K. Wood,William I.
                                                                                              Gurney, Austin
                                                                                                            Goddard, Audrey
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                                        Tumas, Daniel
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IOR APPLICATION NUMBER: PCT/US00/32678
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FILING DATE: 1998-08-04
APPLICATION NUMBER: 60/112,851
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APPLICATION NUMBER: 60/187,202
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FILING DATE: 1999-01-12
APPLICATION NUMBER: 60/115,733
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PRIOR APPLICATION NUMBER: 60/112,851
PRIOR FILING DATE: 1998-12-16
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2930R1C8
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APPLICATION NUMBER: 60/115,733
FILING DATE: 1999-01-12
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APPLICATION NUMBER: PCT/US99/12252
                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/119,537 FILING DATE: 1999-02-10 APPLICATION NUMBER: 60/119,965
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60 FILING DATE: 1999-01-1
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               APPLICATION NUMBER: PCT/US00/04414 FILING DATE: 2000-02-22
                                                 APPLICATION NUMBER: PC FILING DATE: 2000-02-1
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APPLICATION NUMBER: PCT/US99/28634
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APPLICATION NUMBER: 60/162,506
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; PRIOR FILING DATE: 2000-12-01
; NUMBER OF SEQ ID NOS: 38
; SEQ ID NO 20
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo sapiens
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76 Appli 10 Appli 10 Appli 10 Appli 11 Appli 11 Appli 11 Appli 12 
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; OTHER INFORMATION:
US-09-152-060-76
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FEATURE:
NAME/KEY: SITE
LOCATION: (42)
OTHER INFORMATION: X
FEATURE:
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Conservative

60;

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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS FILE REFERENCE: P1216R1(US)
CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: US 60/066,364
PRIOR APPLICATION NUMBER: US 60/078,936
ATOR FILING DATE: 1997-11-21
RAIOR APPLICATION NUMBER: US 60/078,936
ATOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/078,936
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                                                                                                                                                                                                                Matches 104;
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                Local Similarity
                                                                                                                                                                           1 MALRRPPRLRLCARLPDFFLLLLFRGCLIG-----AVNLKSSNRTPVVQ--EFESVELSC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          KRMQVDDLNISGIIAAVVVVALVISVCGLGVCYAQRKGYF--SKE--TSFQ---KSNSSS 280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           QEMEVYDLNIGGIIGGVLVVLAVLALITLGICCAYRRGYFINNKQDGESYKNPGKPDGVN
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                                RCEVVARNDR-KEIDEIVIELTVQVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYS 172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               WFKDGIRLLENPRLGSQSTNSSYTMNTKTGTLQFNTVSKLDTGEYSCEARNSVGYRRCPG
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                                                                                             IITDSQTSDPRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALY 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       -KTPKKTVXSRLEWKKL-GRSVSFVYYQQTLQGDFKNRAEMI-DFNIRIKNVTRSDAGKY 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MALRRPPRLRLCARLPDFFLLLLFRGCLIG----AVNLKSSNRTPVVQ--EFESVELSC
                                                                     -KTPKKTVSSRLEWKKL-GRSVSFVYYQQTLQGDFKNRAEMI-DFNIRIKNVTRSDAGKY
                                                                                                                                          MARRSRHRL------LLLLLRYLVVALGYHKAYGFSAPKDQQVVTAVEYQEAILAC
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RCEVSAPSEQGQNLEEDTVTLEVLVAPAVPSCEVPSSALSGTVVELRCQDKEGNPAPEYT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gurney, Austin L.
Napier, Mary A.
Tumas, Daniel
Wood, William I.
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Goddard, Audrey
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                                                                                                                                                                                                                              28.2%;
                                                                                                                                                                                                              52;
                                                                                                                                                                                                              Score 461.5; DB 4
Pred. No. 4.5e-39;
2; Mismatches 103
                                                                                                                                                                                                                                               DB 4;
                                                                                                                                                                                                                103;
                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                             Length 312;
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                Sequence 331, Application US/09188930A
; Patent No. 6150502
                                                   RESULT 4
US-09-188-930-331
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GENERAL INFORMATION:
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APPLICANT: GUTNEY, AUSTIN L.

APPLICANT: Wapier, Mary A.

APPLICANT: Wapier, Mary A.

APPLICANT: Wapier, Mary A.

APPLICANT: Wood, William I.

TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT TITLE OF INVENTION: OF DISSASES CHARACTERIZED BY A33- RELATED ANTIGENS FILE REFERENCE: P1216R1(US)

CURRENT APPLICATION NUMBER: US/09/254,465A

CURRENT FILING DATE: 1999-03-05

PRIOR APPLICATION NUMBER: PCT/US98/24855

PRIOR APPLICATION NUMBER: US 60/066,364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: US 60/078,936

PRIOR APPLICATION NUMBER: US 60/078,936

PRIOR APPLICATION NUMBER: US 60/078,936

PRIOR FILING DATE: 1998-03-20

PRIOR FILING DATE: 1998-09-17

PRIOR FILING DATE: 1998-09-17
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US-09-254-465A-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 19
NUMBER OF SEQ ID NOS:
SEQ ID NO 10
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TYPE: PRT
                                                       253 LAVLALITLGICCAYRRGYFINNKQDGESYKNPGKPDGVNYIRTDEEGDFRHKSSFVI 310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity 35.6 nes 106; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       11 LLFLFTSMILGSLVQGKGSVYTAQSDVQVPENESIKLTC--TYSGFSSPRVEWKFVQGST 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            20 LLLLFRGCLIGAV-----NLKSSNRTPVVQEFESVELSCIITDSQTSDPRIEWKKIQDEQ 74
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                                                                                                                                                                                                                                                                                                                                                                                          TTYVFFDNKIQGDLAGRAEILGKTSLKIWNYTRRDSALYRCEVVARNDRKEIDEIVIELT 134
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                                                                                                                                             SFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSA-RCEEQEMEVYDLNIGGIIGGVLVV 252
                                                                                                                                                                                                                                                                                                                                                     TALYCYNSQITAPYADRV-TFSSSGITFSSYTRKDNGEYTC-MYSEEGGQNYGEVSIHLT 126
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LILLGLLIFGVWFAYSRGYFETTKKG----TAPGKKVIYSQPSTRSEGEFKQTSSFLV
                                                                                                              SFTIDPKSGDLIFDPVTAFDSGEYYCQAQNGYGTAMRSEAAHMDAVELNVGGIVAAVLVT 246
                                                                                                                                                                                                                                   VLVPPSKPTISVPSSVTIGNRAVLTCSEHDGSPPSEYSWFKDGISMLTADAKKTRAFMNS 186
                                                                                                                                                                                                                                                                                              VQVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDVPLPT-DSRANPRFRNS 193
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o. 6410708
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Goddard, Audrey
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Avi J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      27.9%; Score 457.5; DB 4; 35.6%; Pred. No. 1.1e-38; tive 56; Mismatches 121;
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APPLICANT: Smithkline Beecham Corporation
FITLE OF INVENTION: Human Fil Antigen: A Cell Surface
FITLE OF INVENTION: Receptor Involved in Platelet Aggre
FILE REFERENCE: GH-70150US
CURRENT APPLICATION NUMBER: US/09/462,270
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 60/052,186
PRIOR APPLICATION NUMBER: 60/052,186
PRIOR FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2
LENGTH: 299
Type: PRT
ORGANISM: HOMO SAPIENS
US-09-462-270-2
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; TYPE: PRT
; ORGANISM: Human
US-09-188-930-331
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                                        Query Match
Best Local Similarity
Matches 101; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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Sequence 2, Application US/09462270
Patent No. 6358707
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APPLICANT: Sleeman, Matthew
APPLICANT: Onrust, Rene
APPLICANT: Murison, James Greg
TITLE OF INVENTION: Compositions Isolated From Skin Cells
TITLE OF INVENTION: and Methods For Their Use
FILE REFERENCE: 11000.1011c1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           68 KKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVARNDRKEID 127
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8 RLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQTSDPRIEW 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GGVLVVLAVLALITLGICCAYRRGYFINNKQDGES----YKNPGKPDGVNYIRTDEEGDF 302
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRFRNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCEEQ-EMEVYDLNIGGII 246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              EVKVKLIVLVPPSKPTVNIPSSATIGNRAVLTCSEQDGSPPSEYTWFKDGIVMPTNPKST 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     EIVIELTVQVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDVPLPTDSRAN 187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  KFDQGDTTRLVCYNNKITASYEDRVTFL-PTGITFKSVTREDTGTYTC-MVSEEGGNSYG
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                                             Conservative
                                                             25.9%;
32.8%;
                                             48;
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                                           Score 424; DB 4; Pred. No. 2.9e-35; B; Mismatches 137;
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LENGTH: 299
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS FILE REFERENCE: P1216R1 (US)
CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR APPLICATION NUMBER: PCT/US98/364
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1997-11-21
PRIOR FILING DATE: 1997-11-21
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: PCT/US98/19437
PRIOR FILING DATE: 1998-09-17
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APPLICANT: Napier, Mary A.
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William I.
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                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Homo sapiens
121
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                                     128 EIVIELTVQVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDVPLPTDSRAN 187
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EVKVKLIVLVPPSKPTVNIPSSATIGNRAVLTCSEQDGSPPSEYTWFKDGIVMPTNPKST 180
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Ashkenazi, Avi J.
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RESULT 8
US-09-254-465A-23
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: LOCATION: (247)...(247)
: NAME/KEY: UNSURE
: LOCATION: (289)...(289)
US-09-188-930-189
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CURRENT FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 348
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 189
LENGTH: 299
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Best Local :
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PPLICANT: Sleeman, Matthew
APPLICANT: Onrust, Rene
APPLICANT: Murison, James Greg
TITLE OF INVENTION: Compositions Isolated From Skin
TITLE OF INVENTION: and Methods For Their Use
FILE REFERENCE: 11000.1011c1
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ORGANISM: Human
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Local Similarity 32.1%;
nes 99; Conservative /
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; LENGTH: 260
; TYPE: PRT
; ORGANISM: Homo s
US-09-254-465A-23
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US-09-254-465A-25
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SEQ ID NO 23
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Best Local Similarity
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APPLICANT:
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CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1998-11-21
PRIOR FILING DATE: 1997-11-21
TITLE OF INVENTION: COMPOUNDS, COMPOSITIO TITLE OF INVENTION: OF DISEASES CHARACTER FILE REFERENCE: P1216R1(US)
CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
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PRIOR APPLICATION NUMBER: US 6
PRIOR APPLICATION 1998-03-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                29 IGAVNLKSSNRTPVVQEFESVELSCIITDSQTSDPRIEWKKIQDEQTTYVFFDNKIQGDL 88 :|:| : | | :||| | | | | | | | :|||
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3 LGSVTVHSSEPEVRIPENNPVKLSCAY--SGFSSPRVEWKFDQGDTTRLVCYNNKITASY 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AVPVGKMATLHCQESEGHPRPHYSWYRNDVPLPTDSRANPRFRNSSFHLNSETGTLVFTA 208
                                                                                                                                                                                                                                                                                                                                                                                                        SRGHFDRTKKGTSSKK
                                                                                                                                                                                                                                                                                                                                                                                                                                           RRGYFINNKQDGESYK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       VHKDDSGQYYCIASNDAGSARCEEQ-EMEVYDLNIGGIIGGVLVVLAVLALITLGICCAY 267
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             EDRVTFL-PTGITFKSVTREDTGTYTC-MVSEEGGNSYGEVKVKLIVLVPPSKPTVNIPS 118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SATIGNRAVLTCSEQDGSPPSEYTWFKDGIVMPTNPKSTRAFSNSSYVLNPTTGELVFDP 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AGRAEILGKTSLKIWNVTRRDSALYRCEVVARNDRKEIDEIVIELTVQVKPVTPVCRVPK 148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION:
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                                                                                              Gurney, Austin L.
Napier, Mary A.
Tumas, Daniel
Wood, William I.
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Gurney, Austin L
Napier, Mary A.
                                                                                                                                                                                                                    Genentech, Inc.
Ashkenazi, Avi J.
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Wood, William I.
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Ashkenazi, Avi J.
                                                                                                                                                                               Goddard, Audrey
                                                                                                                                                                                               Fong, Sherman
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UMBER: US 60/078,936
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                                                                                                                                                                                                                                                                                                                                                                                                        254
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                                                           COMPOSITIONS AND METHODS FOR THE TREATMENT COMPOSITIONS AND METHODS FOR THE TREATMENT COMPOSITIONS
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PCT/US98/24855

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                                                                                                                                                                                                                                                 SEQ ID NO 4
LENGTH: 205
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION: APPLICANT: SmithKl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 4, Application US/09462270 Patent No. 6358707
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS:
SEQ ID NO 25
LENGTH: 263
                                                                                                                                            Matches
                                                                                                                                                                             Query Match
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CURRENT FILING DATE: 2000-01-05
                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Human F11 to TITLE OF INVENTION: Receptor FILE REFERENCE: GH-70150US
                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 1997-0 NUMBER OF SEQ ID NOS: 4
                                                                                                                                                                                                                                                                                                    SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: PCT/US98/19437
PRIOR FILING DATE: 1998-09-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           242
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: 1998-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RRGYFINNKQDGESYK 283
KFDQGDTTRLVCYNNKITASYEDRVTFL-PTGITFKSVTREDTGTYTC-MVSEEGGNSYG 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SRGHFDRTKKGTSSKK 257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LSASDTGEYSCEARNGYGTPMTSNAVRMEAVERNVGVIVAAVLVTLILLGILVFGIWFAY 241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           VHKDDSGQYYCIASNDAGSARCEEQ-EMEVYDLNIGGIIGGVLVVLAVLALITLGICCAY
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                               KKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVARNDRKEID 127
                                                                                                   RLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQTSDPRIEW 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AVPVGKMATLHCQESEGHPRPHYSWYRNDVPLPTDSRANPRFRNSSFHLNSETGTLVFTA 208
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                                                                                                                                          67; Conserv
                                                                                                                                                                                                                                                                                                   FastSEQ for Windows Version 3.0
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VENTION: Human F11 Antigen: A Cell Surface
                                                                                                                                          Conservative
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                                                                                                                                        Score 288; DB 4;
Pred. No. 1.4e-21;
12; Mismatches 92;
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3: Mismat-
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                                                                                                                                                                                                                                                                                                                                Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Hanson, No. 5712369man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 53
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 08/5
FILING DATE: 04-Aug-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/597,495B
FILING DATE: 02-Feb-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Old, Lloyd J.; Welt, Sydney; Ritter, Gerd; APPLICANT: Simpson, Richard J.; Nice, Edouard; Moritz, APPLICANT: Catimel, B.; Ji, Hong; Burgess, Anthony W.; APPLICANT: Heath, Joan K.; White, Sara J.; Johnstone.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Colon Cell And Colon Cancer Cell
TITLE OF INVENTION: Associated Nucleic Acid Molecules, Protein And Peptides
                                                                          138
 196
                                                                                                         136 QVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDV-----PLPTDSRANPRF 190
                                    191
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PS, OPERATING SYSTEM:
                                                                                                                                                                                84 -IQGDL-----AGRAEILGKTSLKIWNVTRRDSALYRCEVVARNDRKEIDEIVIELTV 135
                                                                                                                                                                                                                                                                                                                 Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE:
                                                                                                                                            79 YIHGELYKNRVSISNNAE-QSDASITIDQLTMADNGTYECSVSLMSDLEGNTKSRVRLLV
                                                                                                                                                                                                                     19 VDAISVETPQDVLRASQGKSVTLPCTYHTSTSSREGLIQWDKLLLTHTERVVIWPFSNKN
                                                                                                                                                                                                                                                         29 IGAVNLKSSNRTPVVQEFESVELSCII-TDSQTSDPRIEWKKIQDEQTTYVF---FDNK-
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                                  RNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCE-EQEMEVYDLNIG---GII
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                                                                                                                                                                                                                                                                                              79;
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VSLKNISTDTSGYYICTSSNEEGTQFCNITVAVRSPSMNVALYVGIA 242
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25.7%;
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; Sequence 22, Application US/09068051A
; Patent No. 6291235
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                     Query Match
Best Local 9
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SEQUENCE CHARACTERISTICS:
LENGTH: 319 amino acids
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138
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MEDIUM TYPE: Diskette, 3.5
COMPUTER: IBM PS/PC DOS
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
                                                                                                                                                                                        29 IGAVNIKSSNRTPVVQEFESVELSCII-TDSQTSDPRIEWKKIQDEQTTYVF---FDNK- 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Old, Lloyd J.; Welt, Sydney; Ritter, Gerd;
Simpson, Richard J.; Nice, Edouard; Moritz, R. L.;
Catimel, B.; Ji, Hong; Burgess, Anthony W.;
Heath, Joan K.; White, Sara J.; Johnstone, Cameron
TITLE OF INVENTION: Colon Cell And Colon Cancer Cell
Associated Nucleic Acid Molecules, Protein And
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/068,051A
FILING DATE: 10-Dec-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Fulbright & Jaworski LLP
STREET: 666 Fifth Avenue
CITY: New York City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: (212) 318-3168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                  QVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDV-----PLPTDSRANPRF 190
                                                                       YIHGELYKNRVSISNNAE-QSDASITIDQLTMADNGTYECSVSLMSDLEGNTKSRVRLLV
                                                                                                                                                    VDAISVETPQDVLRASQGKSVTLPCTYHTSTSSREGLIQWDKLLLTHTERVVIWPFSNKN 78
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LVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQYSWKRYNILNQEQPLAQPASGQP--
                                                                                                             -IQGDL-----AGRAEILGKTSLKIWNVTRRDSALYRCEVVARNDRKEIDEIVIELTV 135
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                                                                                                                                                                                                                                     l Similarity
79; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Hanson, No. 6291235man D. REGISTRATION NUMBER: 30,946 REFERENCE/DOCKET NUMBER: LUD 5316.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 08/597,495
FILING DATE: 02-Feb-1996
APPLICATION NUMBER: 08/511,876
FILING DATE: 04-Aug-1995
                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 10103
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25.7%;
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                                                                                                                                                                                                                                                     Score 228.5;
Pred. No. 3.2
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US-09-254-465A-6
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APPLICANT: Leiby, K.
APPLICANT: McKay, C.
APPLICANT: McKay, C.
APPLICANT: BOSSONE, S.
TITLE OF INVENTION: SECRETED PROTEINS AND USES THEREOF
FILE REFERENCE: 7833-144
CURRENT APPLICATION UNMBER: US/09/336,536
CURRENT FILING DATE: 1999-06-18
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 67
LENGTH: 319
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Best Local Similarity
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ORGANISM: Homo sapiens
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                                                                     EDDYRQE 304
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                                                                                                          EGDFRHK 305
                                                                                                                                                                               GGVLVVLAVLALITLGICCAYRRGYFIN--NKQDG----ESYKNPGKPDGVNYI--RTDE
                                                                                                                                                                                                                                                                                                                         QVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDV-----PLPTDSRANPRF 190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    IGAVNLKSSNRTPVVQEFESVELSCII-TDSQTSDPRIEWKKIQDEQTTYVF---FDNK- 83
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                                                                                                                                             VGVVAALIIIGIIIYCCCCC---RGKDDNTEDKEDARPNREAYEEP--PEQLRELSREREE
                                                                                                                                                                                                                                                  RNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCE-EQEMEVYDLNIG---GII 246
                                                                                                                                                                                                                                                                                        LVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQYSWKRYNILNQEQPLAQPASGQP-- 195
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Sequence 6, Application US/09254465A Patent NO. 6410708
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi J.

APPLICANT: APPLICANT: APPLICANT:

Fong, Sherman Goddard, Audrey Gurney, Austin L

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US-09-254-465A-24
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LENGTH: 319
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APPLICANT: Tumas, Daniel
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William I.
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
FILE REFERENCE: P1216R1(US)
CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US/98/24855
PRIOR APPLICATION NUMBER: PCT/US/98/24855
PRIOR APPLICATION NUMBER: PCT/US/98/24855
                   CURRENT APPLICATION NUMBER: US/09/254,465A CURRENT FILING DATE: 1999-03-05 PRIOR APPLICATION NUMBER: PCT/US98/24855 PRIOR FILING DATE: 1998-11-20
                                                                                                     TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS FILE REFERENCE: P1216R1(US)
                                                                                                                                                                                APPLICANT: Tumas, Daniel APPLICANT: Wood, William I.
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PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 30
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APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQYSWKRYNILNQEQPLAQPASGQP--
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79; Conserv
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Napier, Mary A.
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Ashkenazi, Avi J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  14.0%; Score 228.5; DB 4; Length 319; 25.7%; Pred. No. 3.2e-15; tive 49; Mismatches 128; Indels 51
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US 60/066, 364
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PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: PCT/US98/19437
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT ORGANISM: Homo sapiens
                                                                                182
                                       247 GGVLVVLAVLALITLGICCAYRRGYFIN--NKQDG----ESYKNP
                                                                                                                                                                 124 LVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQYSWKRYNILNQEQPLAQPASGQP--
                                                                                                                          191
                                                                                                                                                                                                        136 QVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDV-----PLPTDSRANPRF 190
                                                                                                                                                                                                                                                  65 YIHGELYKNRVSISNNAE-QSDASITIDQLTMADNGTYECSVSLMSDLEGNTKSRVRLLV
                                                                                                                                                                                                                                                                                         84 - IQGDL-----AGRAEILGKTSLKIWNVTRRDSALYRCEVVARNDRKEIDEIVIELTV 135
                                                                                                                                                                                                                                                                                                                                                                            29 IGAVNLKSSNRTPVVQEFESVELSCII-TDSQTSDPRIEWKKIQDEQTTYVF---FDNK-
                                                                                                                                                                                                                                                                                                                                                                                                                                         Match 13.3%;
Local Similarity 26.0%;
                                                                                                                                                                                                                                                                                                                                     5 VDAISVETPQDVLRASQGKSVTLPCTYHTSTSSREGLIQWDKLLLTHTERVVIWPFSNKN
                                                                                                                        RNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCE-EQEMEVYDLNIG---GII
VGVVAALIIIGIIIYCCCC---RGKDDNTEDKEDARPNREAYEEP
                                                                                -----VSLKNISTDTSGYYICTSSNEEGTQFCNITVAVRSPSMNVALYVGIA
                                                                                                                                                                                                                                                                                                                                                                                                                    74;
                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                      43; Mismatches 121;
                                                                                                                                                                                                                                                                                                                                                                                                                                            Pred. No. 3.3e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 217.5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 4;
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  270
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